

Title (en)

CRYSTALLINE FORM OF R)-3-(4-(2-(2-METHYLtetrazol-5-YL)PYRIDIN-5-YL)-3-FLUOROPHENYL)-5-HYDROXYMETHYL OXAZOLIDIN-2-ONE DIHYDROGEN PHOSPHATE

Title (de)

KRISTALLINE FORM VON R)-3-(4-(2-(2-METHYLtetrazol-5-YL)PYRIDIN-5-YL)-3-FLUOROPHENYL)-5-HYDROXYMETHYLOXAZOLIDIN-2-ON-DIHYDROGENPHOSPHAT

Title (fr)

FORME CRISTALLINE DU DIHYDROGÉNOPHOSPHATE DE (R)-3-(4-(2-(2-MÉTHYLtetrazol-5-YL)PYRIDIN-5-YL)-3-FLUOROPHÉNYL)-5-HYDROXYMÉTHYL OXAZOLIDIN-2-ONE

Publication

EP 2393808 B1 20190508 (EN)

Application

EP 10703403 A 20100203

Priority

- US 2010023122 W 20100203
- US 14940209 P 20090203

Abstract (en)

[origin: WO2010091131A1] A crystalline form of crystalline (i?) -3-(4-(2-methyltetrazol-5-yl)- pyridin-5-yl)-3-fluorophenyl)-5-hydroxymethyl oxazolidin-2-one dihydrogen phosphate, methods of making the crystalline form and pharmaceutical compositions comprising the crystalline form are useful antibiotics. Further, the derivatives of the present invention may exert potent antibacterial activity versus various human and animal pathogens, including Gram-positive bacteria such as Staphylococci, Enterococci and Streptococci, anaerobic microorganisms such as Bacteroides and Clostridia, and acid-resistant microorganisms such as Mycobacterium tuberculosis and Mycobacterium avium. Accordingly, the compositions comprising the crystalline form may be used in antibiotics.

IPC 8 full level

A61K 31/675 (2006.01); **A61P 31/04** (2006.01); **C07D 413/14** (2006.01)

CPC (source: CN EP IL KR RU US)

A61K 31/675 (2013.01 - EP IL KR RU US); **A61K 31/683** (2013.01 - IL RU); **A61P 31/04** (2017.12 - EP IL);
C07D 413/14 (2013.01 - CN EP IL KR RU US); **C07D 471/14** (2013.01 - IL KR); **C07F 9/06** (2013.01 - IL KR US); **C07F 9/09** (2013.01 - IL RU);
C07F 9/65583 (2013.01 - CN IL US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010091131 A1 20100812; AP 2011005835 A0 20110831; AP 2987 A 20140930; AU 2010210627 A1 20110825;
AU 2010210627 B2 20160303; BR PI1008829 A2 20160315; CA 2751392 A1 20100812; CA 2751392 C 20170328; CL 2011001855 A1 20111111;
CN 102439006 A 20120502; CN 107082790 A 20170822; CO 6620071 A2 20130215; CR 20110464 A 20160720; CU 20110155 A7 20120215;
CU 24089 B1 20150429; DO P2011000251 A 20111115; EC SP11011285 A 20111031; EP 2393808 A1 20111214; EP 2393808 B1 20190508;
ES 2734724 T3 20191211; IL 214401 A0 20110927; IL 214401 B 20210325; JP 2012516894 A 20120726; JP 5584705 B2 20140903;
KR 101739923 B1 20170525; KR 101918678 B1 20181114; KR 20110120311 A 20111103; KR 20170040371 A 20170412;
KR 20170135984 A 20171208; MA 33092 B1 20120301; MX 2011008093 A 20111129; MX 2020011773 A 20201124; MY 156354 A 20160215;
NZ 594408 A 20140328; NZ 620458 A 20151030; NZ 712289 A 20170331; PE 20120585 A1 20120613; PH 12014500092 A1 20141201;
PH 12014500092 B1 20141201; RU 2011136537 A 20130310; RU 2655928 C1 20180530; SG 10201500207Q A 20150330;
SG 173497 A1 20110929; TN 2011000381 A1 20130327; UA 114068 C2 20170425; US 10065947 B1 20180904; US 10442829 B2 20191015;
US 2010227839 A1 20100909; US 2013310343 A1 20131121; US 2016176905 A1 20160623; US 2017275315 A1 20170928;
US 2018244704 A1 20180830; US 2018251482 A1 20180906; US 8426389 B2 20130423; US 9624250 B2 20170418; US 9988406 B2 20180605;
ZA 201106412 B 20131127; ZA 201306536 B 20140528

DOCDB simple family (application)

US 2010023122 W 20100203; AP 2011005835 A 20100203; AU 2010210627 A 20100203; BR PI1008829 A 20100203; CA 2751392 A 20100203;
CL 2011001855 A 20110802; CN 201080014363 A 20100203; CN 201710063034 A 20100203; CO 11097215 A 20110802;
CR 20110464 A 20110830; CU 20110155 A 20110802; DO 2011000251 A 20110801; EC SP11011285 A 20110823; EP 10703403 A 20100203;
ES 10703403 T 20100203; IL 21440111 A 20110802; JP 2011549242 A 20100203; KR 20117020614 A 20100203; KR 20177008992 A 20100203;
KR 20177034181 A 20100203; MA 34136 A 20110829; MX 2011008093 A 20100203; MX 2020011773 A 20110801;
MY PI2011003576 A 20100203; NZ 59440810 A 20100203; NZ 62045810 A 20100203; NZ 71228910 A 20100203; PE 2011001433 A 20100203;
PH 12014500092 A 20140110; RU 2011136537 A 20100203; RU 2016100418 A 20100203; SG 10201500207Q A 20100203;
SG 2011055456 A 20100203; TN 2011000381 A 20110803; UA A201110617 A 20100203; US 201313867951 A 20130422;
US 201514959412 A 20151204; US 201715455463 A 20170310; US 201815970486 A 20180503; US 201815970492 A 20180503;
US 69986410 A 20100203; ZA 201106412 A 20110901; ZA 201306536 A 20130830